

1158040006
BEN MURRELL-MACON COUNTY

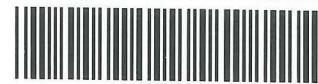
~~000001540~~

#984 769 240

Med - HGU
3/16/90

500301-A0102

US EPA RECORDS CENTER REGION 5



479107

CERCLA Preliminary Assessment Report

5908



Illinois Environmental
Protection Agency
P.O. Box 19276,
Springfield, IL 62794-9276

Confidential Material May be Enclosed

LPC#1158040006

Rueben Murrell

~~ILD#1158040006~~

140#984 769 240

EXECUTIVE SUMMARY

Rueben Murrell property was entered on CERCLIS on February 10, 1989 as a result of a request for discovery notice submitted by the State of Illinois. This property is located at the junction of Twin Lakes Road and Hill Road, Township 16 North, Range 1 East, Section 22, Decatur Illinois, Macon County.

In 1982, the Macon County Health Department received a complaint stating that property north of Rueben Murrell's residence was being used as a refuse disposal area. According to the health department there have been several complaints in reference to this area in the past several years. Combustible and non-combustible rubbish, bulky wastes, construction and demolition wastes, and non-putrescible industrial waste was reportedly dumped in the pasture north of the Murrell residence. Allegedly Mr. and Mrs. Murrell were responsible for the dumping. The Murrell's have lived at their residence in Decatur since, at least, 1977.

A site reconnaissance inspection was conducted on September 19, 1989. The property north of the Murrell's residence is a lot that extends over approximately 17 acres. The Murrells pasture their horses here, and have bordered the area with a fence. Two circular areas, approximately 15 feet in diameter, were stockpiled with bags of mowed grass. Some scattered garbage was noted, but wasn't apparent in a significant amount. Three automobiles and a piece of machinery are stored in this area. A small pool, probably created by rainwater, was noted in the pasture also. The pasture is bordered by woodland areas on the south, east and west sides. Residential housing borders the Murrell's house on the east and west sides. Along the south wall of the garage, 2 empty approximately 35 gallon drums were noted. Some oil has been spilled in this area, possibly from oil changes, leaking/spilled drums, or automotive repairs.

No Leaking drums were observed on the property at this time. Decatur's population of 94,081 obtains water primarily from Lake Decatur located approximately five miles east of the site. Two drift wells are used to supplement the supply. These wells are drilled to a depth of 244-255 feet and are finished in a sand and gravel aquifer. Both wells are located approximately 18 miles northeast of the site. Within the vicinity of the site, most of the surrounding rural community relies on Lake Decatur or private wells for their primary source of drinking water.

Drainage from the site flows south towards the Sangamon River. On the north side of the property, the land elevation declines slightly, therefore some drainage could flow north also. The sangamon River is located approximately three-eighths of a mile from the site. The river is used for recreational purposes such as fishing and boating.

Due to the groundwater usage in the area and the possible faulty containment of oil or oil products, this site under the Hazard Ranking System Evaluation, is recommended for further investigation.

KP:sap/3320k,38-39



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 984769240

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Rueben Murrell

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

Box 153 - Hill Road

03 CITY

Decatur

04 STATE

IL

05 ZIP CODE

62522

06 COUNTY

Macon

07 COUNTY

115

08 CONG

20

09 COORDINATES LATITUDE

39 49 00.0

LONGITUDE

089 03 00.0

Harristown Quad

10 DIRECTIONS TO SITE (Starting from nearest public road)

Rt. 36 to Wycles Rd. turn south - go 1 mile - turn west on Cantrell St. - go 1/2 mile to Joynt Rd - turn south - go 1/2 mile to Hill Rd - 1 mile west at Twin Lakes Rd and Hill Rd.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

Rueben Murrell

02 STREET (Business, mailing, residential)

Box 153 - RR 8 - Hill Rd.

03 CITY

Decatur

04 STATE

IL

05 ZIP CODE

62522

06 TELEPHONE NUMBER

()

07 OPERATOR (If known and different from owner)

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: / / MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (CECRA 103 c) DATE RECEIVED: / / MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES
☐ NO

DATE

9/19/89
MONTH DAY YEAR

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☒ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

Murrell's have been at their residence in Decatur since at least 1977.

BEGINNING YEAR

ENDING YEAR

UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

oil wastes
combustible/non-combustible rubbish
construction and demolition wastes

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

surface water (environment/population)
ground water (environment/population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☒ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

02 OF (Agency/Organization)

03 TELEPHONE NUMBER

()

04 PERSON RESPONSIBLE FOR ASSESSMENT

Karen Petefish

05 AGENCY

IEPA

06 ORGANIZATION

RPMS

07 TELEPHONE NUMBER

(17) 524-4651

08 DATE

9/20/89
MONTH DAY YEAR



01 STATE	02 SITE NUMBER
----------	----------------

~~DATA~~

140 984 769 240

01 PHYSICAL STATES (Check all that apply)

E SLURRY
F LIQUID
G GAS

: D OTHER

(Specify)

02 WASTE QUANTITY AT SITE

Measures of waste quantities must be independent

TONS

CUBIC YARDS

NO OF DRUMS

03 WASTE CHARACTERISTICS (Check all that apply)

☒ A TOXIC
☐ B CORROSIVE
☐ C RADIOACTIVE
☐ D PERSISTENT

E SOLUBLE
F INFECTIOUS
G FLAMMABLE
H IGNITABLE

I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			Two drums (empty) approx.
OLW	OILY WASTE		UNKNOWN	35 gallon each were
SOL	SOLVENTS			Noted on the property
PSD	PESTICIDES			with oil spilled on the
OCC	OTHER ORGANIC CHEMICALS			ground - the oil possibly
IOC	INORGANIC CHEMICALS			could have come from
ACD	ACIDS			these drums
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY - LAND DIVISION FILE
SITE RECONNAISSANCE - Sept. 19, 1989 - Karen Pete Fish



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

~~IL 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40~~
110 984 714 840

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 720

04 NARRATIVE DESCRIPTION

The rural community on the west side of Decatur, in the vicinity of the Murrell property, relies on private wells as their primary source of drinking water. Decatur receives its public water supply from Lake Michigan.

01 ☒ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

The Sangamon River is located within one mile (south) of the site. The river is used for recreational purposes such as fishing and boating.

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

The Murrell's pasture is bordered by a fence. The area south of the garage where spilled oil was noted, has no restriction barring access to it.

01 ☒ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____ (Acres)

04 NARRATIVE DESCRIPTION

The area south of the garage showed signs of oil spillage. 2 drums (empty) were noted in this area at the time of the site inspection.

01 ☒ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 720

04 NARRATIVE DESCRIPTION

SEE: A

01 ☐ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 720

04 NARRATIVE DESCRIPTION

The rural population on the west side of Decatur is approximately 720.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

~~IL 984769240~~
IL 984769240

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

UNKNOWN

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

UNKNOWN

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

UNKNOWN

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED: 720

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Oil spillage was noted on the Murrell property, south of the garage. Possibly automotive repair and engine/oil changes have occurred in the area or drums have leaked or spilled.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

UNKNOWN

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

UNKNOWN

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

Allegedly, the Murrell's used their pasture north of their residence for a refuse disposal area and general waste disposal area. At the time of the site inspection, bags of mowed grass and some scattered trash was noted. Also see: F.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

SEE: F AND M

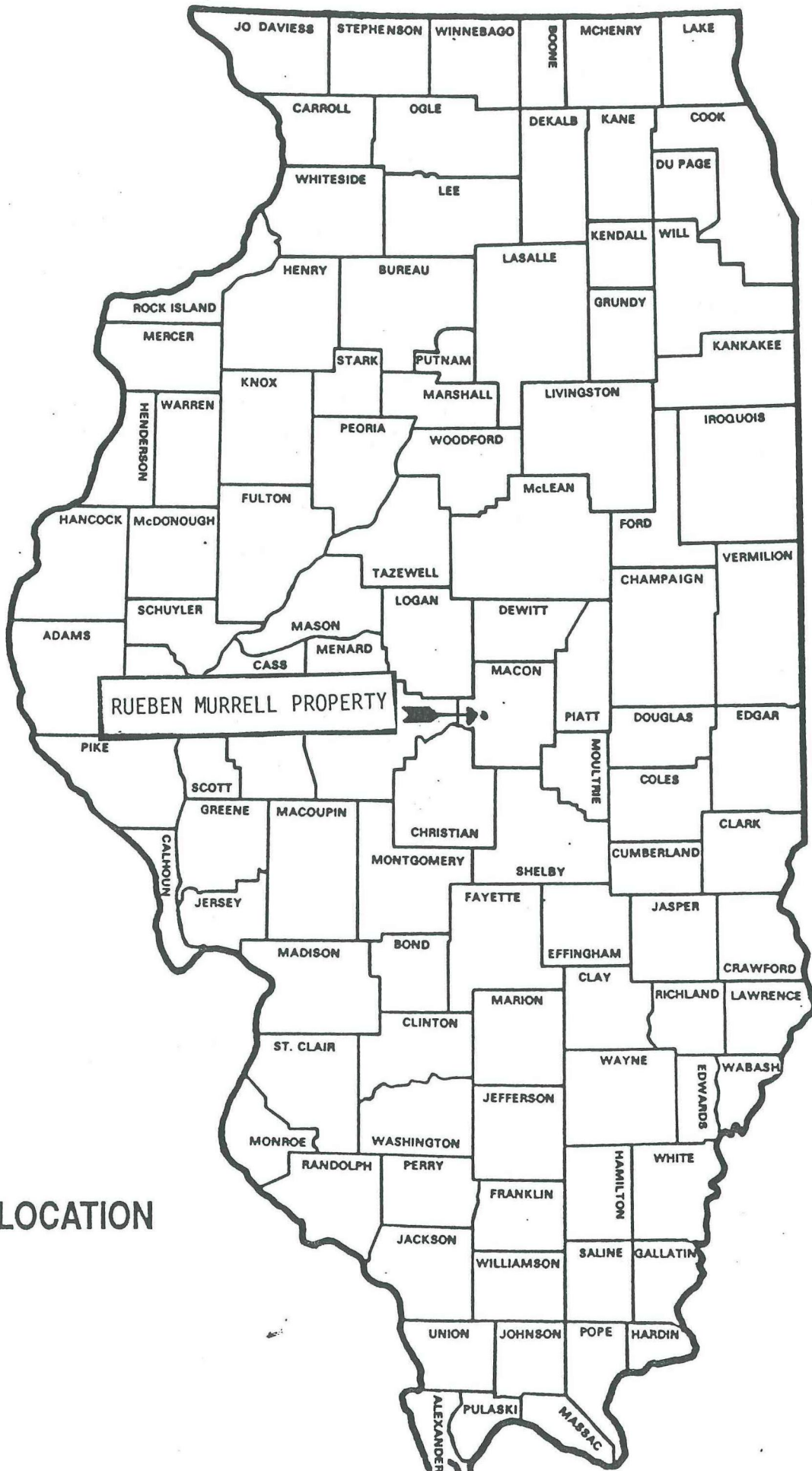
III. TOTAL POPULATION POTENTIALLY AFFECTED: 720

IV. COMMENTS

Due to the possible unstable containment of used oil or oil products in the area south of the Murrell's garage, further investigation is suggested.

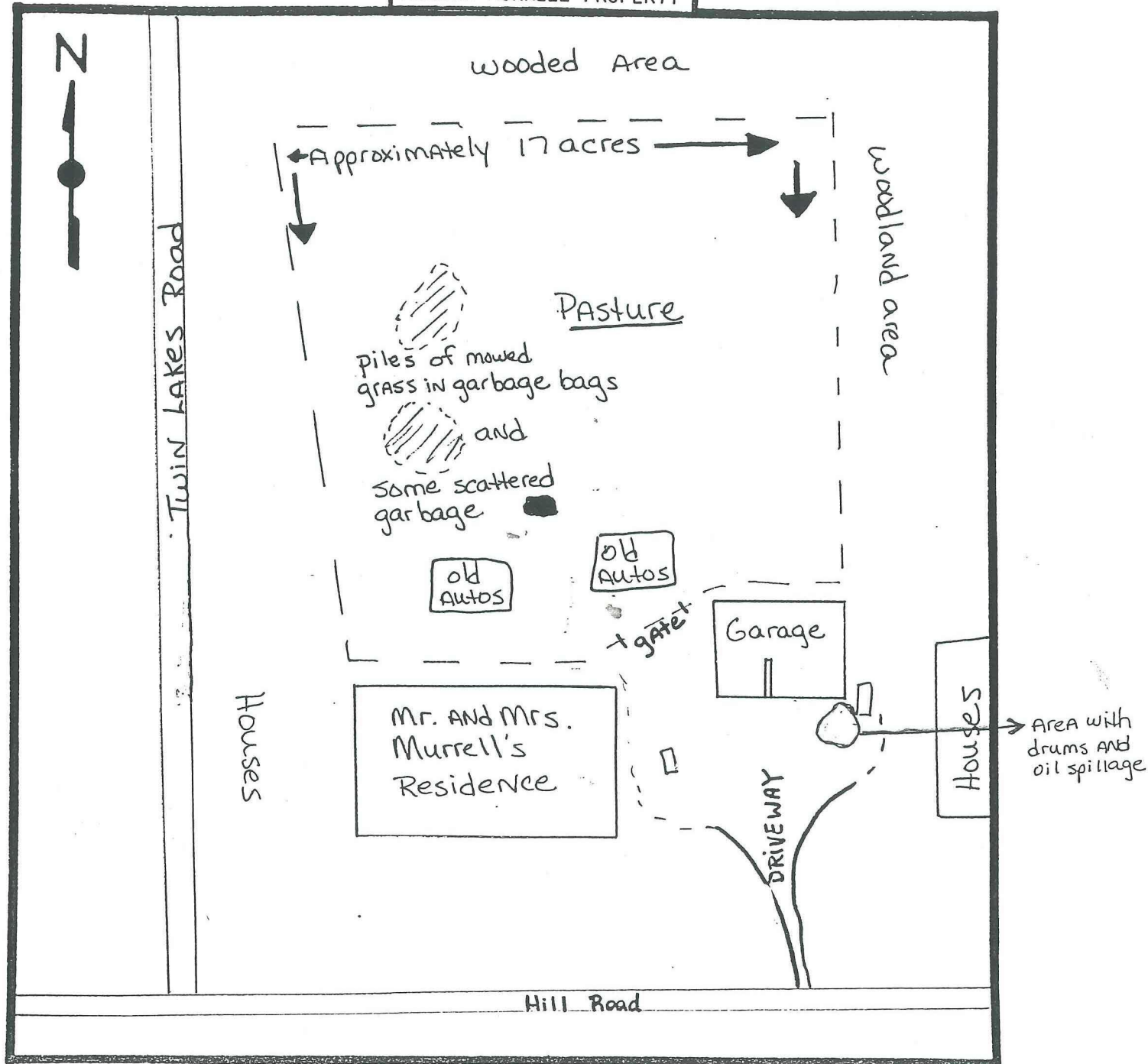
V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY - LAND DIVISION File
Site reconnaissance, Sept. 19, 1989, Karen Peterfish



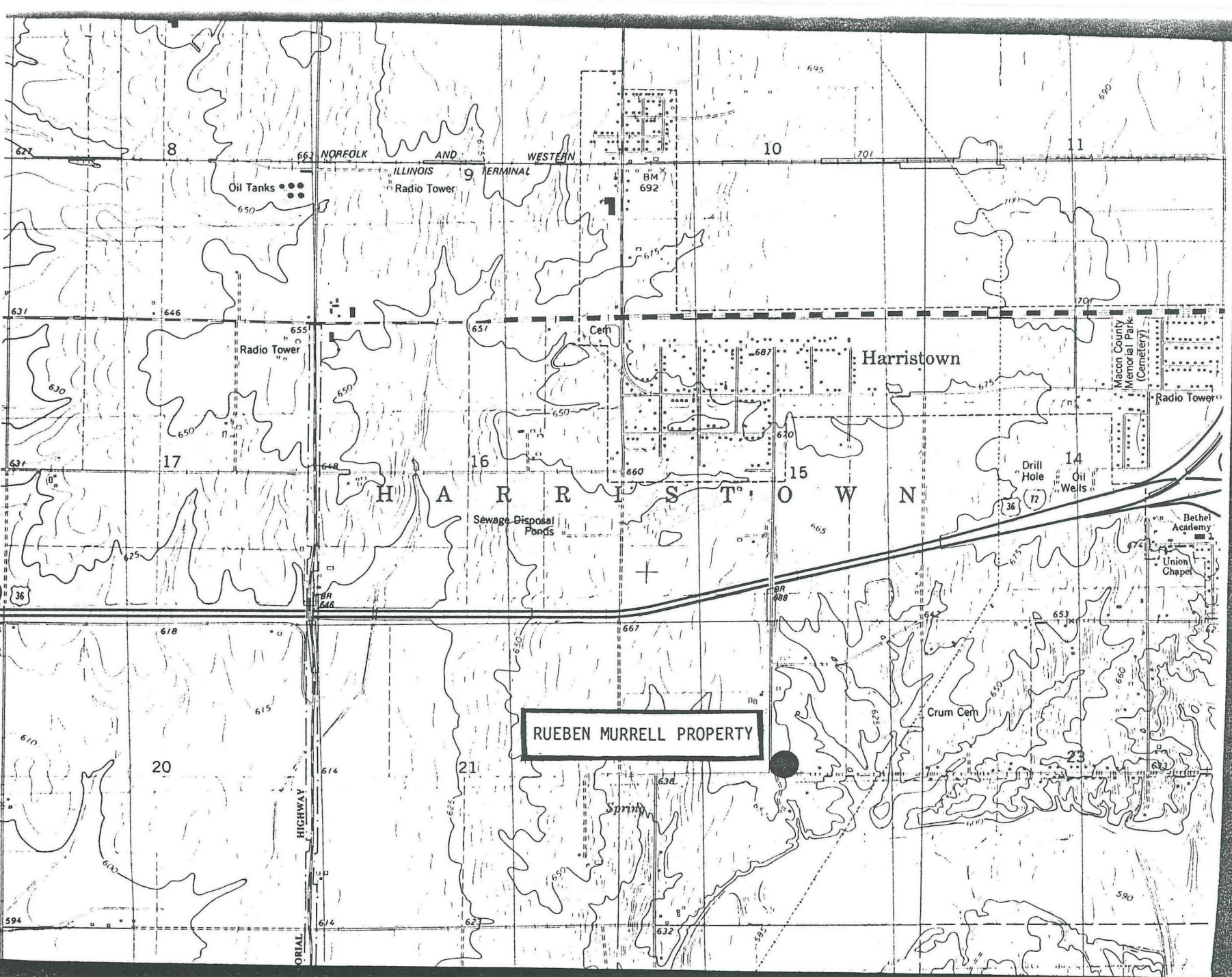
SITE LOCATION

RUEBEN MURRELL PROPERTY



MAP NOT TO SCALE

FIG 1



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

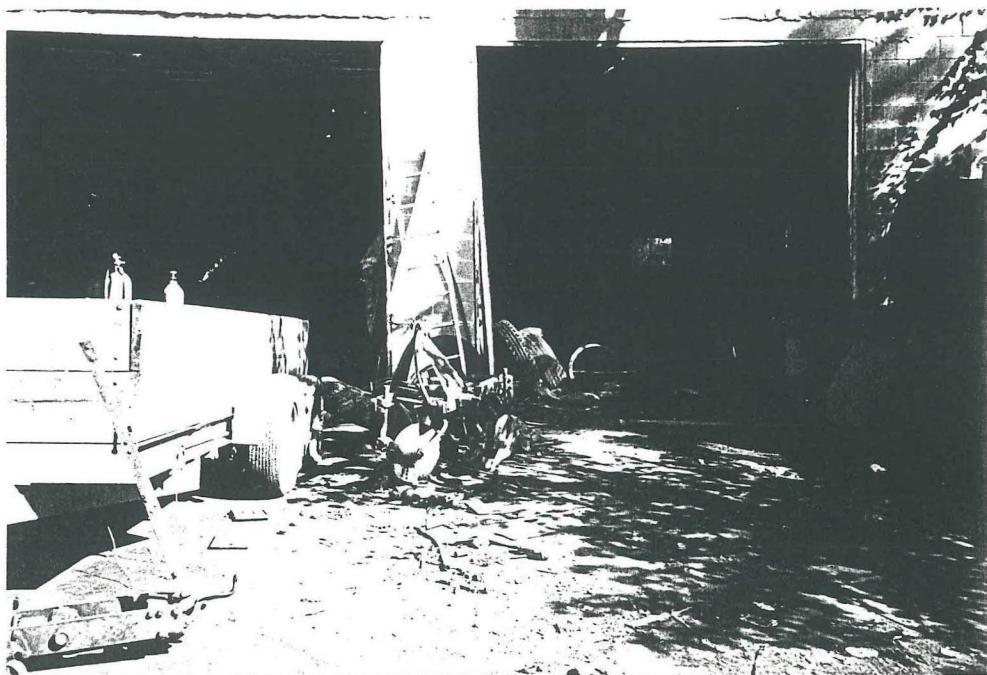
Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

garage - North
#1



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

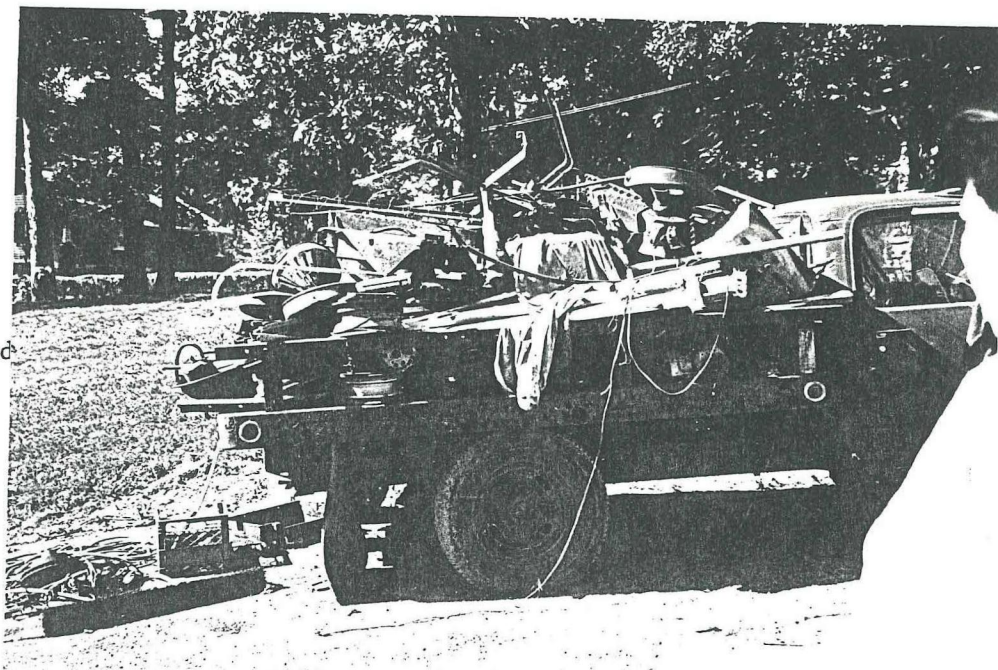
Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

truck loaded
with junk from
property
#2



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward
east from west -
showing empty
drums on oil soaked
ground #3



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

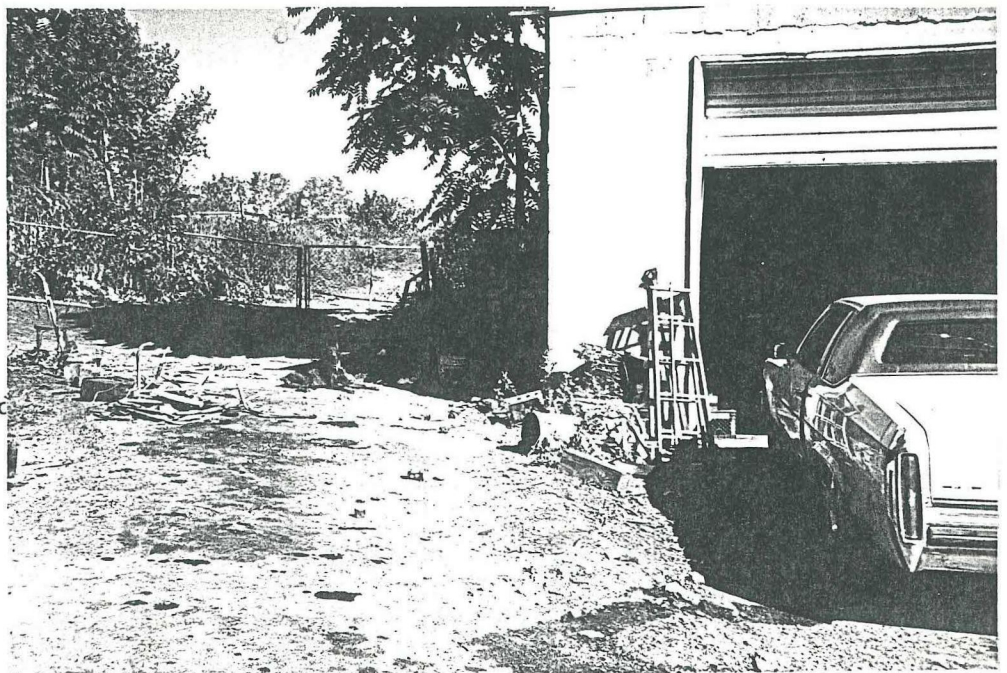
Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

gate entrance to
pasture - north
from south
#4



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

South from

North

#5



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

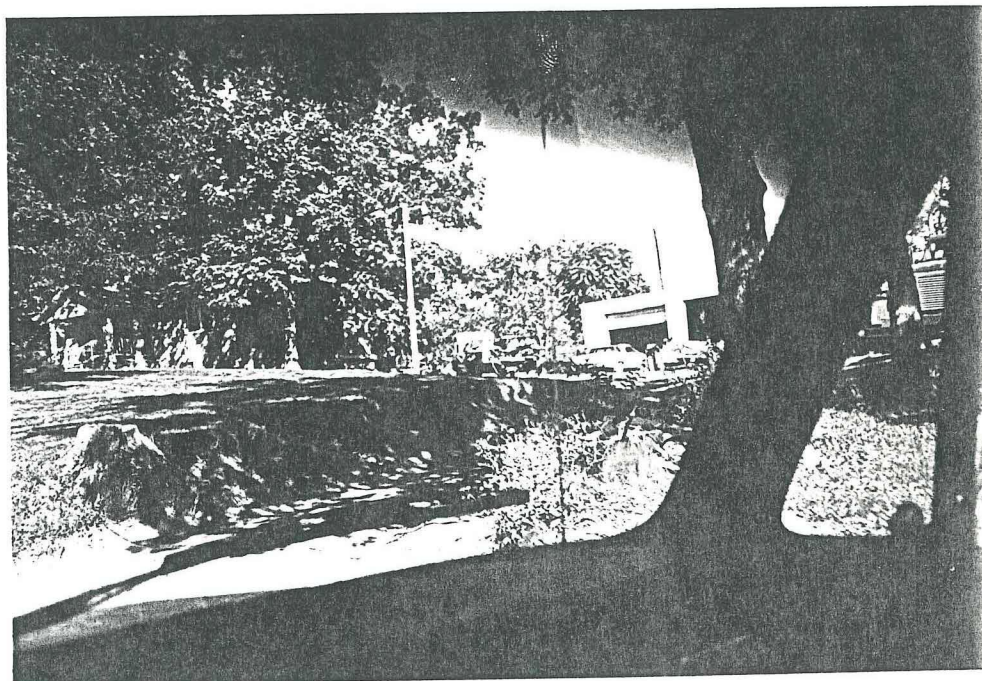
Rueben Murrell

Comments: Picture taken toward

Murrell residence -

North from South

#6



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

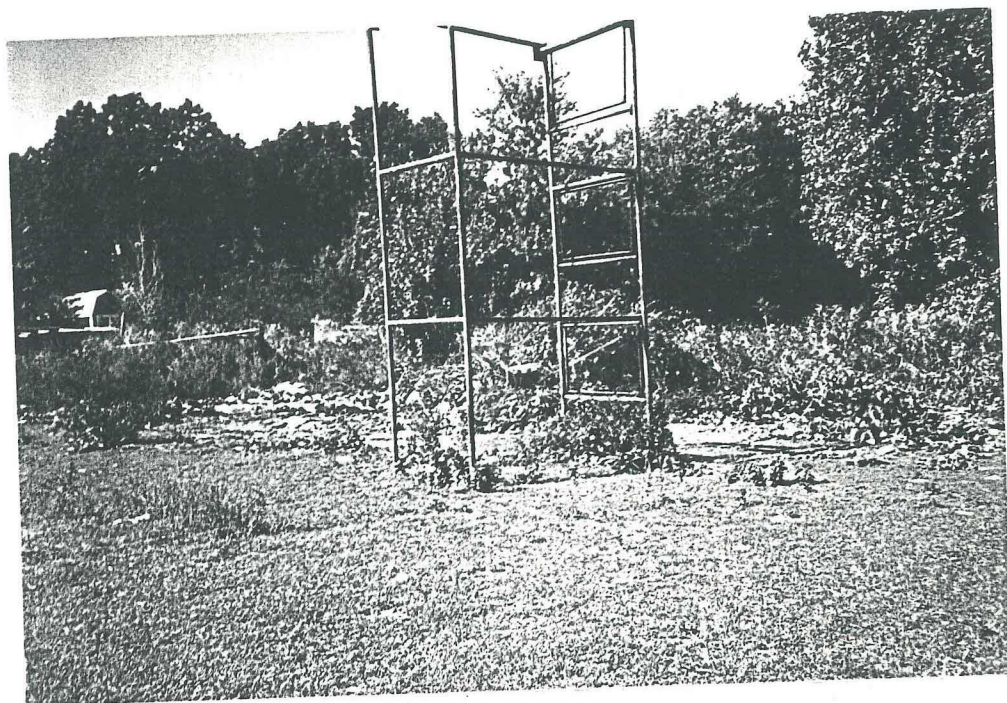
Location:

Rueben Murrell

Comments: Picture taken toward

South west from
Northeast

#7



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

North west from
Southeast

#8



DATE: Sept. 19 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

Northwest from

southeast

9



DATE: Sept. 19 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

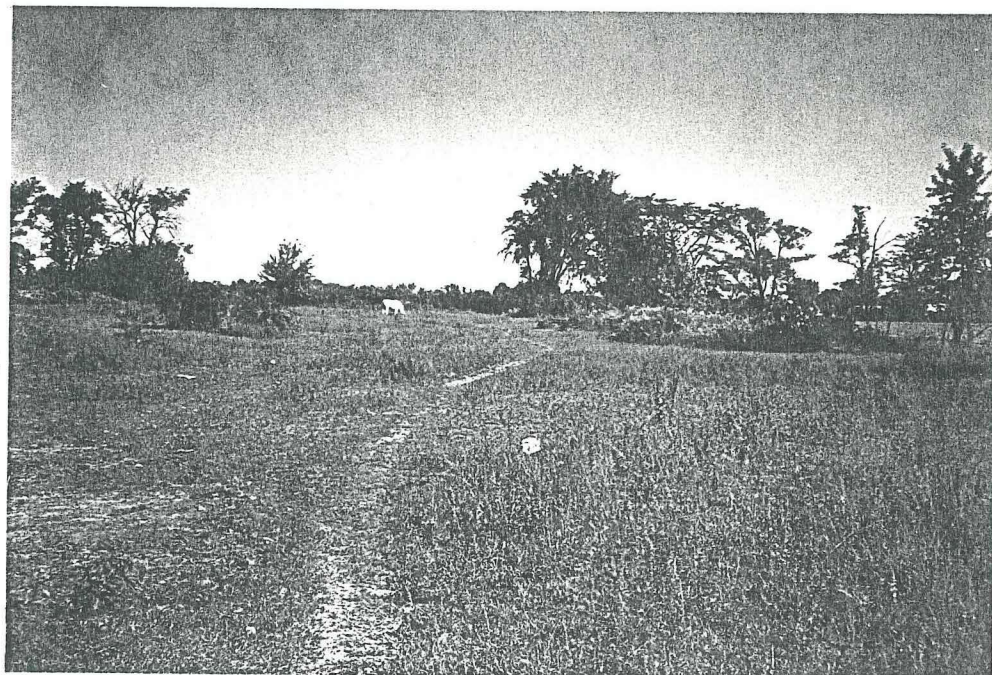
Location:

Rueben Murrell

Comments: Picture taken toward

North from south

#10



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

Southwest from east

#11



DATE: Sept. 19, 1989

TIME: 11:00 AM

Photograph by:

Karen Petefish

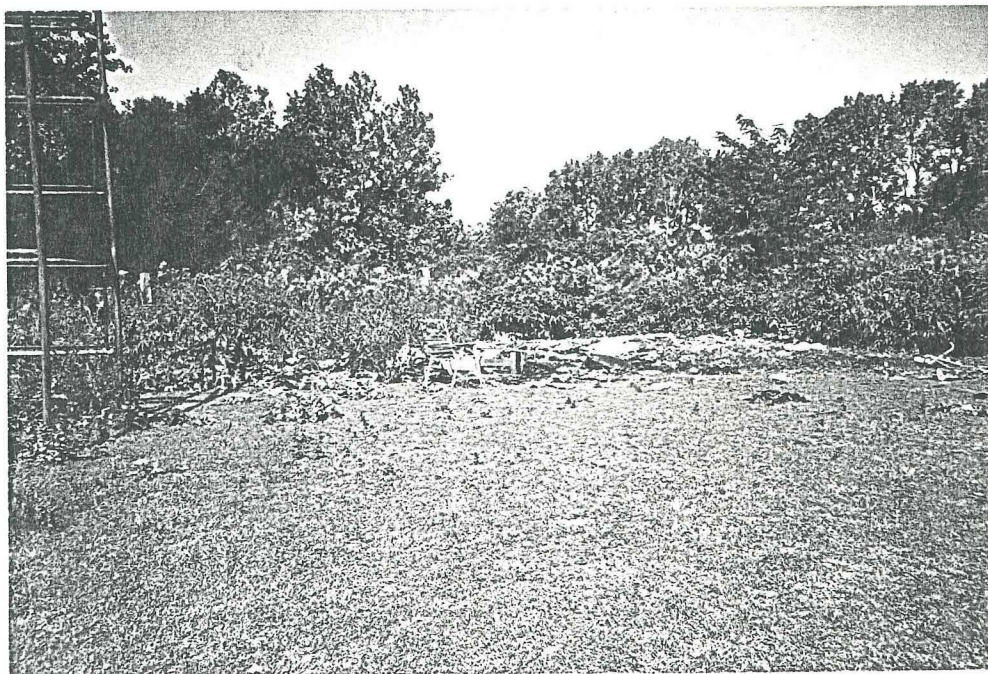
Location:

Rueben Murrell

Comments: Picture taken toward

West from east

#12



DATE: Sept. 19, 1989
TIME: 11:00 AM

Photograph by:

Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

southeast from
northwest - looking
at junk automobiles
in pasture #13



DATE: Sept. 19, 1989
TIME: 11:00 AM

Photograph by:

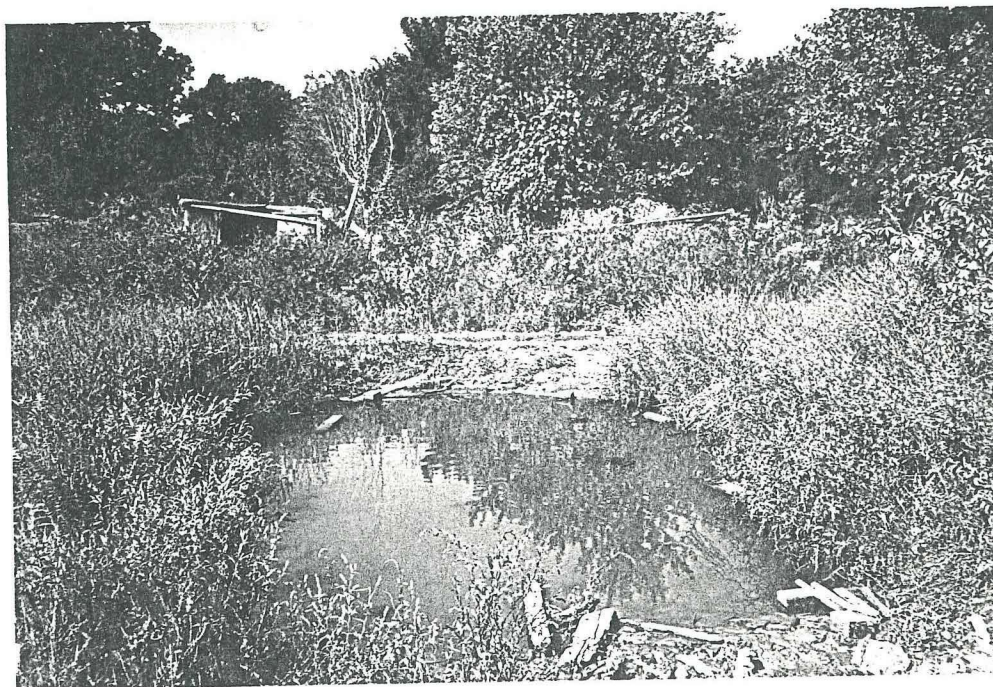
Karen Petefish

Location:

Rueben Murrell

Comments: Picture taken toward

southwest - looking
at small pool of
water in pasture
#14



REFERENCES

1. Macon County Health Department, Violation Notification, March 26, 1982, in regard to Rueben Murrell's property at the intersection of Twin Lakes and Hill Road.

11580406 Macon Co
Decatur/Murrell



MACON COUNTY HEALTH DEPARTMENT

1085 SOUTH MAIN STREET • PHONE 423-6988 • DECATUR, ILLINOIS 62521

REFERENCE NUMBER 1

April 2, 1982

Mr. Rueben Murrell
R.R.#8, Box 153
Decatur, Illinois 62522

Dear Mr. Murrell;

This letter is to clarify the locations of the two properties noted on a letter sent to you by this office on March 26, 1982. Those locations were incorrect. Also, the date on the letter should have been 1982, not 1981. The two locations sited should be:

1. The NE corner of the intersection of
~~Twin Lakes Road and Hill Road.~~
2. South of the intersection of Joynt Road
and Hill Road.

I am sorry for any inconvenience this may have caused; however, it is still expected that the conditions of the first letter be met on time.

Yours truly,

Jerry C. Andrews
Director of Environmental
Health

RECEIVED

1982 APR -6 PM 26

E.P.A. - D.L. R.C.
STATE OF ILL.

EPA - Land Pollution



Monte
MACON COUNTY HEALTH DEPARTMENT
1085 SOUTH MAIN STREET • PHONE 423-6988 • DECATUR, ILLINOIS 62521

Jim Reid
1982 MAR 29 PM 4:06

RECEIVED
LPC/NPC

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

APR 05 1982

March 26, 1982

Mr. Rueben Murrell
R.R.#8, Box 153
Decatur, Illinois 62522

ILLINOIS DEPARTMENT OF
STATE OF ILLINOIS

LPC/115 80406 - Macon Co.
Decatur/Murrell

Dear Mr. Murrell:

On 3/23/82 an inspection was made of your property located at the N E corner of Kenney Road and Hill Road, and S of the intersection of Hill Road and Twin Lakes Road. At that time it was seen that there was a considerable amount of refuse, combustible and non-combustible rubbish, bulky wastes, construction and demolition wastes, and non-putrescible industrial waste at both sites. At that time pictures were taken. This constitutes a violation of Article 4, sections 1 and 5 of the Macon County Refuse Ordinance listed below:

1. No person, firm or corporation shall discharge, deposit, dump or place any refuse, or cause or permit the discharging, depositing, dumping or placing of any refuse, on any premises in Macon County, Illinois, other than a refuse disposal area for which an Annual Refuse Area License is issued and in force at the time of such discharging, depositing, dumping or placing of refuse.

5. No refuse disposal area shall be operated without a license as herein provided, and no licensed refuse disposal area shall be operated contrary to the plans submitted in the application for license, utilizing any method of operation other than that specified in said application for license, in any unsanitary manner or contrary to any reasonable directive in writing so as to permit noxious fumes or odors, dust, smoke, noise or the scattering by wind or otherwise of any refuse outside the premises whereon such disposal area is located.

The above referenced material must either be removed, or covered with two feet of compacted earth within 30 days, or any or all of the following legal action will be instituted:

RECEIVED
APR 08 1982
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

a. Suspension of any license held under the provisions of the Macon County, Illinois Refuse Ordinance.

b. Fine of not less than \$10.00 nor more than \$200 per day.

c. Both of the above.

Your immediate cooperation in abating these nuisances will be appreciated.

Sincerely,

Richard V. Rosetto

Richard V. Rosetto
Sanitarian

Jerry C. Andrews

Jerry C. Andrews
Director of Environmental
Health

cc: Illinois Environmental Protection Agency